

From glowbugs@sco.theporch.com Tue Apr 15 07:16:31 1997  
Return-Path: <glowbugs@sco.theporch.com>  
Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
by uro.theporch.com (8.8.6.Beta0/A-UX3.1.1) with ESMTP id HAA26031  
for <shimshon@uro.theporch.com>; Tue, 15 Apr 1997 07:16:30 -0500 (CDT)  
From: glowbugs@sco.theporch.com  
Received: from sco.theporch.com (localhost [127.0.0.1])  
by sco.theporch.com (8.8.6.Beta0/SCO-5.0.2) with SMTP  
id MAA20489; Tue, 15 Apr 1997 12:16:08 GMT  
Date: Tue, 15 Apr 1997 12:16:08 GMT  
Message-Id: <199704151216.MAA20489@sco.theporch.com>  
Errors-To: ws4s@infoave.net  
Reply-To: glowbugs@sco.theporch.com  
Originator: glowbugs@sco.theporch.com  
Sender: glowbugs@sco.theporch.com  
Precedence: bulk  
To: Multiple recipients of list <glowbugs@sco.theporch.com>  
Subject: GLOWBUGS digest 505  
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@sco.theporch.com  
Status: 0

#### GLOWBUGS Digest 505

Topics covered in this issue include:

- 1) Re: Can-type capacitors: how to use?  
by "Don Buska" <d.buska@aaiate.com>
- 2) Re: Can-type capacitors: how to use?  
by macino <macino@ibm.net>
- 3) Re: Can-type capacitors: how to use?  
by Art Winterbauer <art@comet.ucar.edu>
- 4) needed manual  
by leeboo@ct.net (Leon Wiltsey)
- 5) mailing add  
by leeboo@ct.net (Leon Wiltsey)
- 6) BOOKS  
by leeboo@ct.net (Leon Wiltsey)
- 7) Re:MORE BOOKS  
by leeboo@ct.net (Leon Wiltsey)

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Date: Mon, 14 Apr 1997 07:25:15 -0500  
From: "Don Buska" <d.buska@aaiate.com>  
To: "art@comet.ucar.edu" <art@comet.ucar.edu>,  
Subject: Re: Can-type capacitors: how to use?  
Message-ID: <97Apr14.072811cdt.42628-1@gateway.aaiate.com>

Art,

The can itself (with braid soldered to ground) is the negative side of each cap. If you look at each of those 4 bottom pins you will notice that the bottom insulator next to each pin is cut-out with the shapes you mentioned below. It is possible that your can may be installed on an insulator pad which would obscure you from viewing the bottom side of the capacitor, in such a case you'd have to remove the cap to see the figure cut-outs.

73

Don N900

On Mon, 14 Apr 1997 07:14:36 -0500, Art Winterbauer wrote:

>  
>None of my few reference books around here provide any info on  
>can-type caps, oddly enough.  
>  
>I'm trying to clean up an old, homebrew power, 235v supply purchased  
>at a hamfest. It uses an electrolytic filter capacitor in an aluminum  
>can. It has 4 pins (3 are used) and are unmarked. There are 4 tabs on  
>the edges to hold the cap in place, with 1 tab having a braid soldered  
>to it (ground). The side of the cap says:  
>  
>ZENITH  
>  
>20 475v (cut off circle icon)  
>40 300v (square icon)  
>100 50v (triangle icon)  
>80 25v (dash icon)  
>  
>Part number 22-2223  
>  
>This can is soldered directly to the circuit below. I'd like to  
>unsolder it and test it before firing up this circuit.  
>  
>1. Which pins are what values? They're unmarked.  
>2. Do the values on the side of the can correspond to the pins?  
>3. What would be good modern substitutes?  
>  
>  
>Thanks!  
>  
>Art wa5oes  
>

>

-----  
Date: Mon, 14 Apr 1997 07:52:23 -0400  
From: macino <macino@ibm.net>  
To: art@comet.ucar.edu  
Subject: Re: Can-type capacitors: how to use?  
Message-ID: <33521A76.9E3@ibm.net>

Art Winterbauer wrote:

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> can-type caps, oddly enough.

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> to it (ground). The side of the cap says:

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> ZENITH

>

> 20     475v    (cut off circle icon)  
> 40     300v    (square icon)  
> 100    50v     (triangle icon)  
> 80     25v     (dash icon)

>

> Part number 22-2223

>

> This can is soldered directly to the circuit below. I'd like to  
> unsolder it and test it before firing up this circuit.

>

> 1. Which pins are what values? They're unmarked.

Ahh, but they are marked. look closely at the base of the capacitor. Now look at the individual solder lugs. The phenolic or bakelite will have that matching pattern or 'icon' as you call it, cut into the insulating material. Simply unsolder the wire or component going to an individual lug and make your test to chassis ground (the twist lug is ground).

> 2. Do the values on the side of the can correspond to the pins?  
See above.

> 3. What would be good modern substitutes?

Check that one out first. Some guys take a 'DC' supply of about 12 volts and 'reform' the capacitor by leaving a low DC voltage on the capacitor overnight or longer. It's worked for me.

73 Jim W9LZ

>  
> Thanks!  
>  
> Art wa5oes

-----  
Date: Mon, 14 Apr 1997 08:03:46 -0600 (MDT)  
From: Art Winterbauer <art@comet.ucar.edu>  
To: glowbugs <glowbugs@theporch.com>  
Subject: Re: Can-type capacitors: how to use?  
Message-ID: <Pine.SUN.3.95.970414080306.22563B-100000@spike>

Thanks to all who helped me with my question!

--Art wa5oes

-----  
Date: Mon, 14 Apr 1997 10:26:25 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: GLOWBUGS@sco.theporch.com  
Subject: needed manual  
Message-ID: <199704141426.KAA23939@blue.ct.net>

Hi guys just found out my sx101 comes with a manual, so all I have to do is restrng the dial tn timer for all your offers, hey how haRD A JOB IS IT??????

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

68yr old retired semi disabled senior  
(stroke got my balance and coordination)  
formerly w4kcj & kp4ryb ( till I quite) dumb dumb  
play keyboard and sing

music 1920's to 60'  
none of the 80'S- 90'S noise

-----  
Date: Mon, 14 Apr 1997 16:04:55 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: GLOWBUGS@sco.theporch.com  
Subject: mailing add  
Message-ID: <199704142004.QAA07052@blue.ct.net>

Hi Gang  
I am completly screwed up.  
computer started sending reply messages back to me.  
anybody needing my mailing add it is listed below  
and I have added it to my sig.  
Leon B Wiltsey  
4600 Lake Haven blvd  
Sebring fl.33872

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)  
4600 Lake Haven blvd...  
Sebring fl 33872.....

68yr old retired semi disabled senior  
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none of the 80'S- 90'S noise

-----  
Date: Mon, 14 Apr 1997 23:35:36 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: GLOWBUGS@sco.theporch.com  
Subject: BOOKS  
Message-ID: <199704150335.XAA26695@blue.ct.net>

Hi Gang  
I have been asking for old rad am hndbks.  
So now I have some. but they are too new. I have

1969 1972 1977-& 1976. All are full of solid state stuff(cry cry cry).  
I am willing to trade 2 for 1 or ever 3 for 1 to get a 1960 or older radio  
am hndbook.  
Just cant build solid state projects( I tried one it was a mess). I did get  
one 1960 handbook  
and It had lots of good tube stuff in it. So pse lets do some trading,  
but I cant use anything newer than 1959. that way I can continue to build my  
ancient station.  
all the books are in fine shape with good bindings. pse email your answers.

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)  
4600 Lake Haven blvd...  
Sebring fl 33872.....

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(stroke got my balance and coordination)  
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-----  
Date: Mon, 14 Apr 1997 23:51:45 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: GLOWBUGS@sco.theporch.com  
Subject: Re:MORE BOOKS  
Message-ID: <199704150351.XAA27230@blue.ct.net>

>Hi Gang  
>I have been asking for old rad am hndbks.  
>So now I have some. but they are too new. I have  
>1969 1972 1977-& 1976. All are full of solid state stuff(cry cry cry). ALSO  
>1968  
>I am willing to trade 2 for 1 or ever 3 for 1 to get a 1960 or older radio  
>am hndbook.  
>Just cant build solid state projects( I tried one it was a mess). I did get  
>one 1960 handbook  
> and It had lots of good tube stuff in it. So pse lets do some trading,  
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>all the books are in fine shape with good bindings. pse email your answers.  
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>Sebring fl 33872.....  
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>music 1920's to 60'  
>none of the 80'S- 90'S noise  
>  
>  
>FOUND A 1968 BOOK ALSO

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)  
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Sebring fl 33872.....

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End of GLOWBUGS Digest 505  
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